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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------------|------------------------|
| 09/915,894 | 07/25/2001 | Sachin G. Deshpande | SLA1074 | 9084 |
| 52894 7590 05/17/2007 KRIEGER INTELLECTUAL PROPERTY, INC. P.O. BOX 1073 CAMAS, WA 98607 | | | EXAMINER OSMAN, RAMY M | |
| | | | ART UNIT 2157 | PAPER NUMBER |
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | | | |
|------------------------------|--------------------------------------|---|--|
| Office Action Summary | Application No. 09/915,894 | Applicant(s) DESHPANDE ET AL. | |
| | Examiner Ramy M. Osman | Art Unit 2157 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 March 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,4,6,8-13,15-18,21,24 and 25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,4,6,8-13,15-18,21,24,25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date: _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date: _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Status of Claims

1. This communication is responsive to amendment filed on March 2, 2007, where applicant amended claims 1,9-11,13,21,24, and cancelled claims 7 and 19. Claims 1,2,4,6,8-13,15-18,21,24,25 are pending.

Response to Arguments

2. Applicant's arguments filed 3/2/2007 have been fully considered but are not fully persuasive.

3. Applicant has argued the 112 first paragraph rejection of the limitation "additional parts do not comprise image data already sent in said representative part" as being inherent in pages 13-14 of the specification.

In reply, Applicant has demonstrated that the limitation is an inherent part of progressive image coding as mentioned in the specification. Therefore the 112 first paragraph rejection is withdrawn.

4. Applicant has argued that the amended claims overcome the 112 first paragraph rejection regarding the limitations of "integral data unit".

In reply, applicant has overcome this rejection and therefore the 112 first paragraph rejection is withdrawn.

5. Applicant has argued that the amended claims are not taught by Gormish.

In reply, see the below rejection.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. **Claims 1,2,4,6,8,9,11-13,15-18,21,24,25 rejected under 35 U.S.C. 102(a) as being anticipated by Gormish et al ("JPEG 2000: Overview" September 2000).**

8. In reference to claims 1,13,21 and 24, Gormish teaches a method and a corresponding image server for image transmission, said method comprising the acts of:

hosting an image file on a server, wherein said image file comprises data bytes organized to enable image characteristic scalability (page 2 section 2.6 & 2.7 and page 3 section 4.1);

transmitting to a client a first set of said Data bytes using HTTP, wherein said first set of said Data bytes form a representation of said image (page 3 section 4.1);

receiving an HTTP request at said server wherein said HTTP request comprises a selection of a customization of said image file based on said representation of said image (page 3 section 4.1);

parsing said image file on said server to determine an additional set of Data bytes that may be combined with said initial set of Data bytes to form said customization (page 3 section 4.1); and

transmitting said additional set of Data bytes to said client using HTTP (page 3 section 4.1);

wherein said additional set of said Data bytes does not comprise said first set of said Data bytes (page 3 section 4.1).

Although Gormish does not explicitly teach the HTTP protocol, Gormish does disclose that a server can host “typical” web pages that contain images that utilize the JPEG 2000 features (page 3 section 4 and 4.1). “Official Notice” is taken that HTTP is old and well known in the art of hosting web pages on Internet servers and that are available for download to client computers. It would have been obvious for one of ordinary skill in the art to modify Gormish by enabling the servers to utilize the HTTP protocol, which is old and well known in the art, for the purpose of utilizing a universally accepted form of web page transmission.

9. In reference to claim 2, Gormish teaches the method of claim 1 wherein said representation of said image is a low-resolution version of said image. (page 3 section 4.1)

10. In reference to claim 4, Gormish teaches the method of claim 1, wherein said customization selection comprises a selection from the group consisting of quality customization, scalability customization, resolution customization and region-of-interest (ROI) customization (page 1 section 2, page 3 section 4.1 and figure 2).

11. In reference to claims 6 and 18, Gormish teaches the method of claims 1 and 13 respectively, wherein said image file is a JPEG 2000 file (page section Abstract).

12. In reference to claim 8, Gormish teaches the method of claim 1 wherein said customization selection comprises an image resolution below the maximum resolution available for said image. (page 3 section 4.1)

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13. In reference to claim 9, Gormish teaches the method of claim 1 wherein said transmitting said additional set of Data bytes comprises streaming said additional set of Data bytes of said image file to said client (page 3 section 4.1).

14. In reference to claim 11, Gormish teaches the method of claim 1, wherein said first set of Data bytes comprises metadata comprising data selected from the group consisting of image quality data, scalability data, resolution data and ROI data (page 2 sections 2.6-2.8 and page 3 section 4.1).

15. In reference to claim 12, Gormish teaches the method of claim 1 wherein said client caches data received from said server. (page 3 section 4.1, it is inherent that the client would store the data received from the server).

16. In reference to claim 15, Gormish teaches the method of claim 13 wherein said customization selection comprises an image resolution below the maximum resolution available for said image. (page 3 section 4.1 and figure 2)

17. In reference to claim 16, Gormish teaches the method of claim 13 wherein said customization selection comprises quality scalability (page 3 section 4.1 and figure 2)

18. In reference to claim 17, Gormish teaches the method of claim 13 wherein said customization selection comprises a selected region of interest on said image (page 3 section 4.1 and figure 2)

19. In reference to claim 25, Gormish teaches the method of claim 24 wherein said receiving a request comprises receiving at least one of an HTTP Post and an HTTP Get request. (page 3 section 4.1, HTTP is inherent in web browsing).

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20. **Claim 10 rejected under 35 U.S.C. 103(a) as being unpatentable over Gormish et al (“JPEG 2000: Overview” September 2000) in view of Li, C et al (US Patent No 6,345,279).**

21. In reference to claim 10, Gormish teaches the method of claim 1. Gormish fails to explicitly teach wherein the size of said representative part is relative to the bandwidth of the connection between said server and said client interface. However, Li, C teaches a content adaptation process by using a client profile which includes the network bandwidth connection between the client and server for the purpose of customizing a multimedia file for a client (column 5 line 65 – column 6 line 49).

It would have been obvious for one of ordinary skill in the art to modify Gormish by making the size of said representative part is relative to the bandwidth of the connection between said server and said client interface as per the teachings of Li, C for the purpose of customizing a multimedia file for a client.

Conclusion

22. The claims have been rejected based upon their broadest reasonable interpretation. Applicant is advised that the above specified citations of the relied upon prior art are only representative of the teachings of the prior art, and that any other supportive sections within the entirety of the reference (including any figures, incorporation by references, and claims) is implied as being applied to teach the scope of the claims.

23. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ramy M. Osman whose telephone number is (571) 272-4008. The examiner can normally be reached on M-F 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

RMO
May 14, 2007

ABDULLAH SALAM
PRIMARY EXAMINER